

Recombinant Human Eotaxin-3/CCL26

Information

Gene ID	10344
Accession #	Q9Y258
Alternate Names	CC chemokine IMAC, MIP-4-alpha, TSC-1
Source	<i>Escherichia coli</i> .
M.Wt	Approximately 8.4 kDa, a single non-glycosylated polypeptide chain containing 71 amino acid residues.
AA Sequence	TRGSDISKTC CFQYSHKPLP WTWVRSYEFT SNSCSQRAVI FTTKRGKKVC THPRKKWVQK YISLLKTPKQ L
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human CCR3 transfected HEK293 cells is in a concentration range of 0.5-2.0 µg/ml.
Shipping Condition	Gel pack.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Components and Storage

Components	5 µg	100 µg	500 µg
Recombinant Human Eotaxin-3/CCL26	5 µg	100 µg	500 µg

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Quality Control

Purity	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin	Less than 1 EU/μg of rHuEotaxin-3/CCL26 as determined by LAL method.

Description

CCL26 is novel CC family chemokine, also known as TARC (thymus and activation regulated chemokine). It is encoded by CCL26 gene, which is located on Chr.7 in humans, and ubiquitously expressed at low levels in various tissues including heart and ovary. CCL26 elicits its effects activity by binding to the cell surface chemokine receptor CCR3, and chemotactic for eosinophils and basophils.

Reference

1. Banwell ME, Tolley NS, Williams TJ, et al. 2002. Cytokine, 17: 317-23.
2. Kagami S, Saeki H, Komine M, et al. 2005. Clin Exp Immunol, 141: 459-66.
3. Stubbs VE, Power C, Patel KD. 2010. Immunology, 130: 74-82.
4. El-Shazly AE, Doloriert HC, Bisig B, et al. 2013. Clin Exp Allergy, 43: 322-31.

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